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INSTITUTE OF ENGINEERING; UNIVERSITY OF ALGARVE; CAMPUS DA PENHA; FARO-PORTUGAL

A THREE-DOLLARS CARDBOARD PANEL SOLAR COOKER FOR LOW INCOME COMMUNITIES

Prof. Elmo Dutra Filho, MSc

Sunny Cooking Fogões Solares – Porto Alegre – RS – South Brazil

At first... parabolic solar cookers... a fever...





At first... parabolic solar cookers... a fever...





















A panel solar cookers works great! Slow Cooking... You will need a black pan and a greenhouse effect to cook!





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So I research a Three dollar cheap panel solar cooker made of cardboard from waste material. You can use aluminum foil, plastic gif bags, potato chips bags, Mylar from emergency blankers...





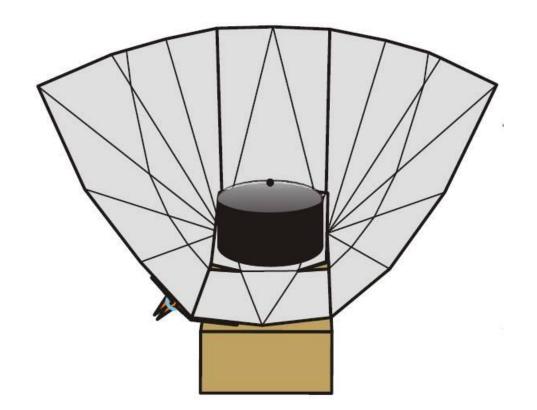
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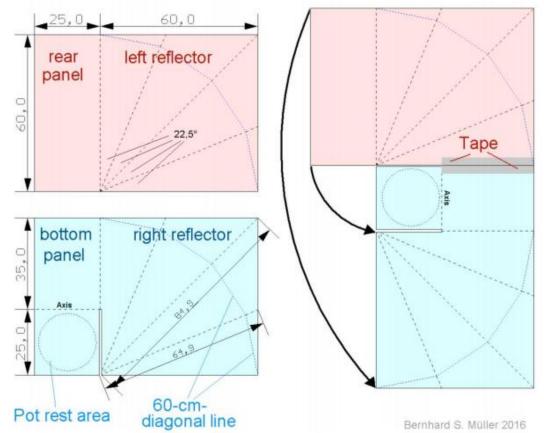




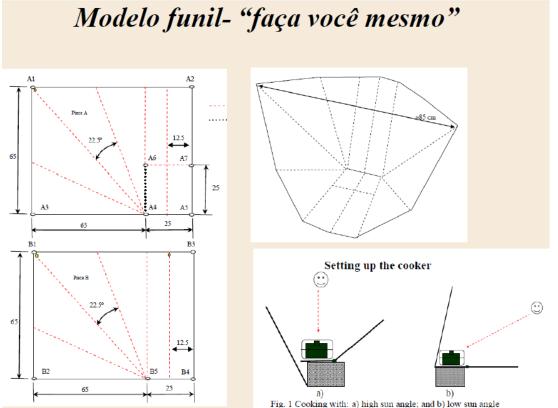
Fun Panel Solar Cooker. Original from Teong Tan. Resized by Bernhard Muller and Celestino Ruivo



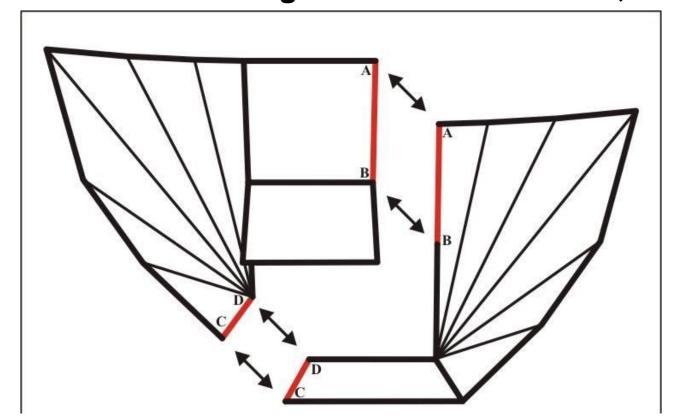
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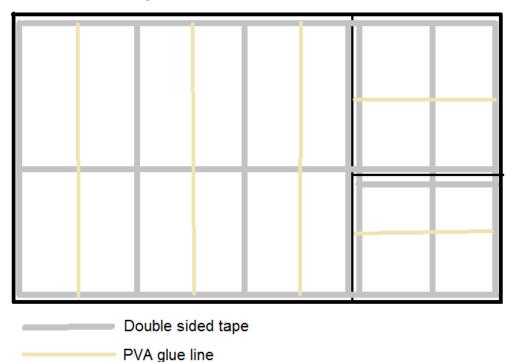


You must cut two retangular cardboard sheets, making an "L"



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Side of panel solar cooker





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Promoting Solar Cooking in poor communities – Morro da Cruz - Brazil





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Thank you!!! Ask me my card!

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